

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099230.D
 Acq On : 8 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5604-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:09:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

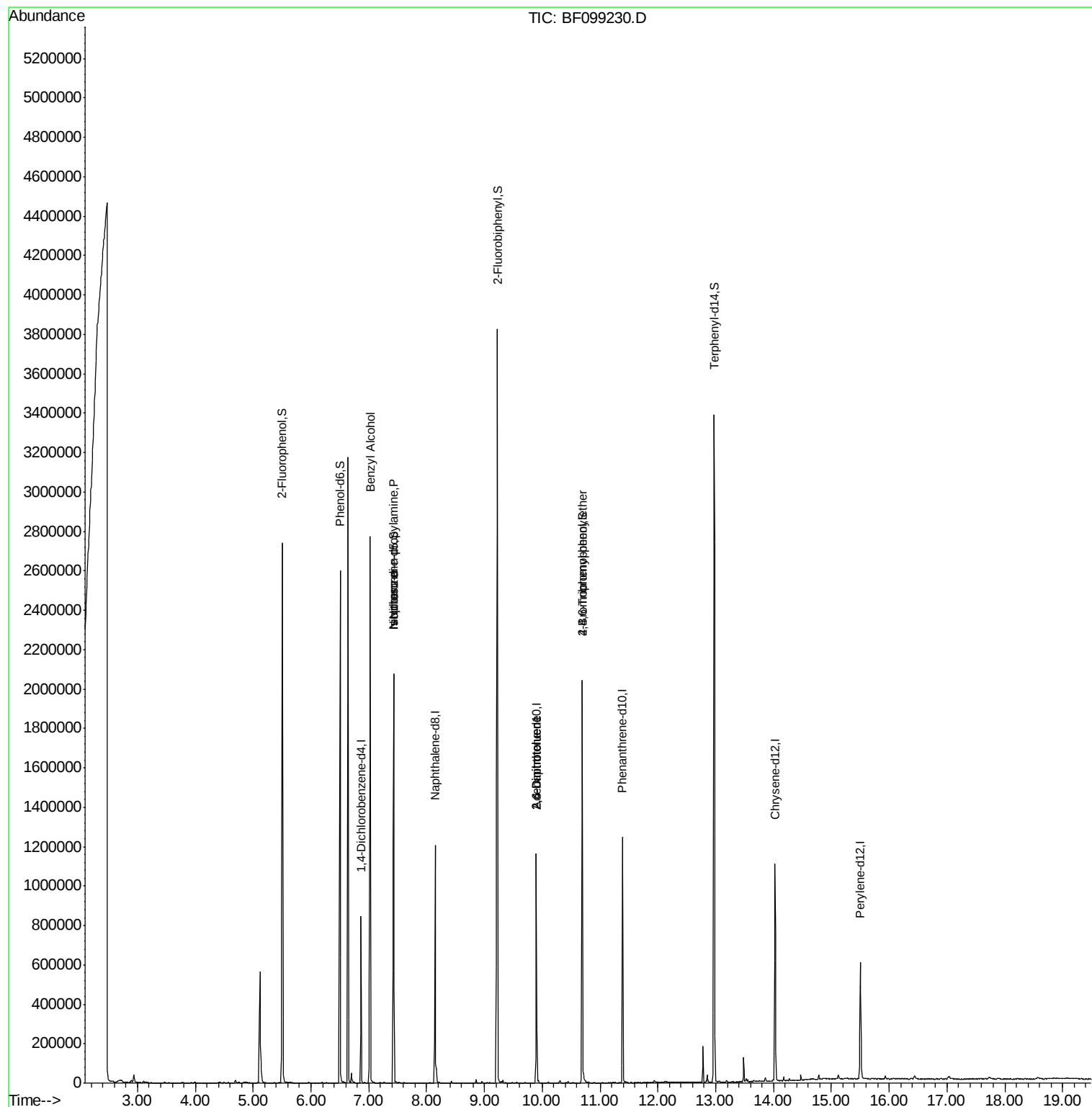
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129705	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	534532	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	247599	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	447231	20.00	ng	0.00
75) Chrysene-d12	14.03	240	349606	20.00	ng	0.00
86) Perylene-d12	15.50	264	254179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	942364	115.66	ng	0.02
7) Phenol-d6	6.50	99	999002	99.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	784892	94.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	284786	140.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1401549	94.50	ng	0.00
78) Terphenyl-d14	12.97	244	1278649	83.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.02	79	20464	2.78	ng	# 48
19) n-Nitroso-di-n-propylamine	7.43	70	101284	15.78	ng	# 74
25) Isophorone	7.43	82	784886	45.55	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	31788	7.81	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	31788	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	18792	4.29	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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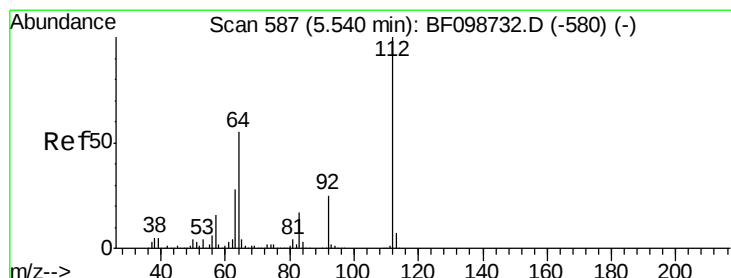
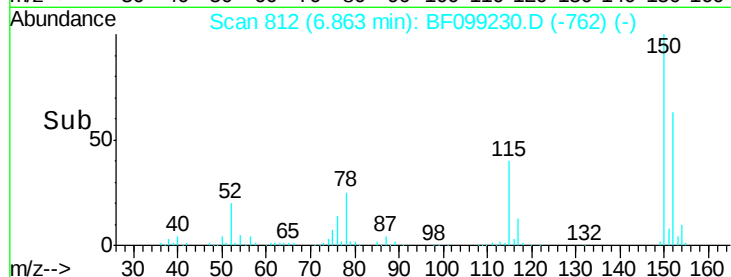
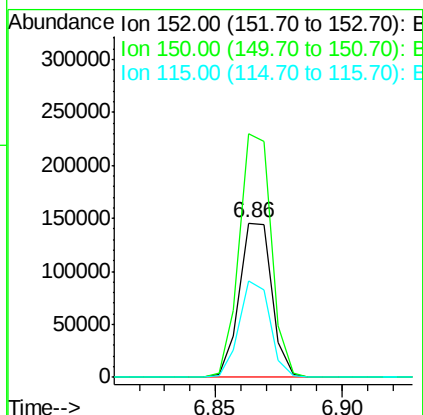
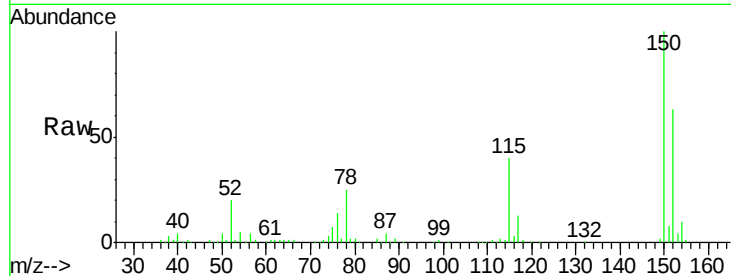


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

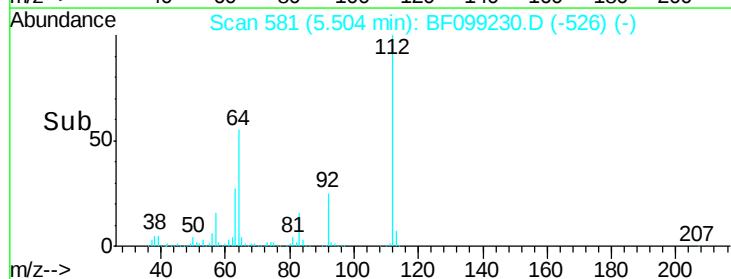
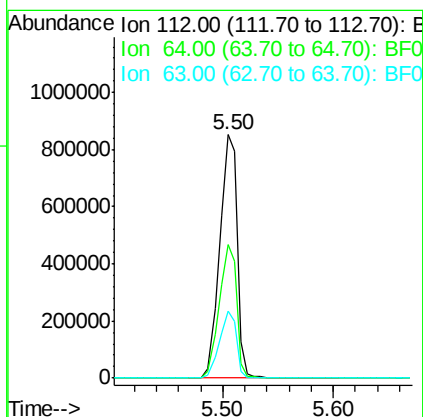
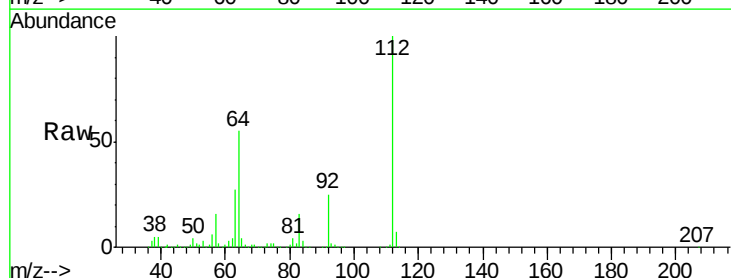
Tot Ion:152 Resp: 129705
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.8 50.1 75.1

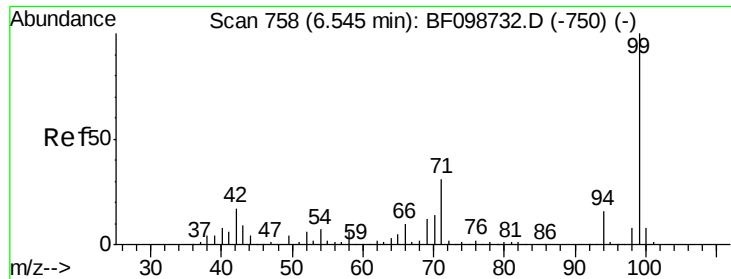


#5

2-Fluorophenol
Concen: 115.66 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Tgt Ion:112 Resp: 942364
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 99.39 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

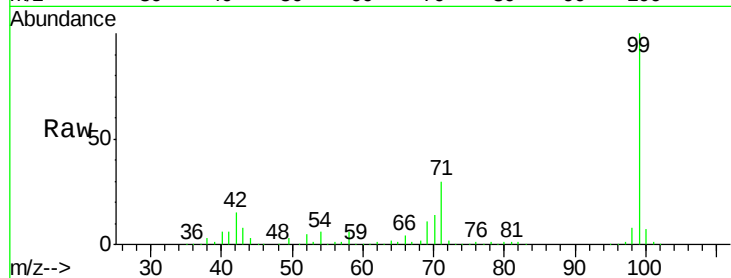
Tot Ion: 99 Resp: 999002

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

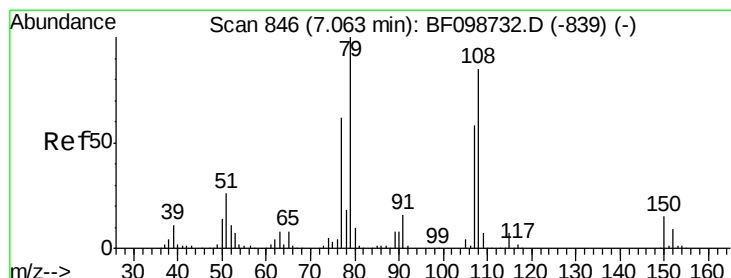
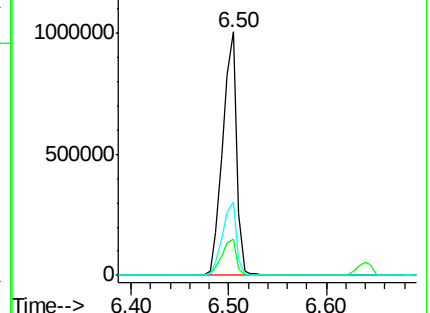
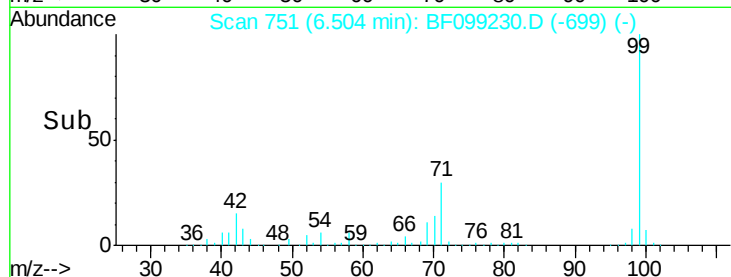
71 30.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.78 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

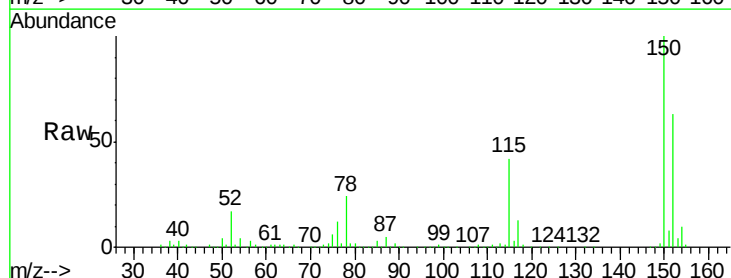
Tgt Ion: 79 Resp: 20464

Ion Ratio Lower Upper

79 100

108 40.7 65.1 97.7#

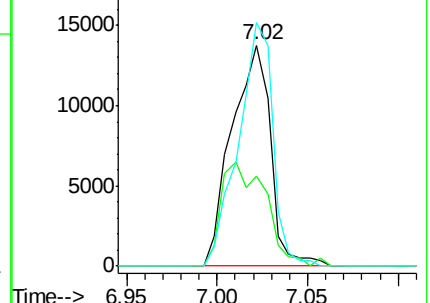
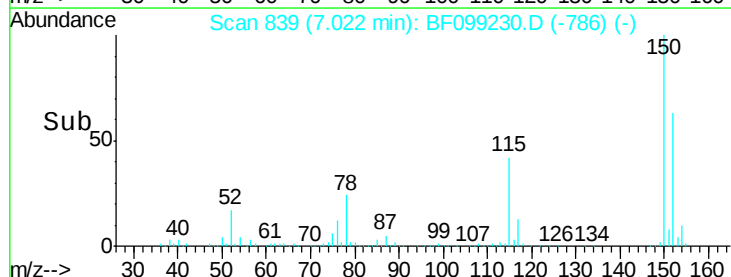
77 110.3 50.6 75.8#

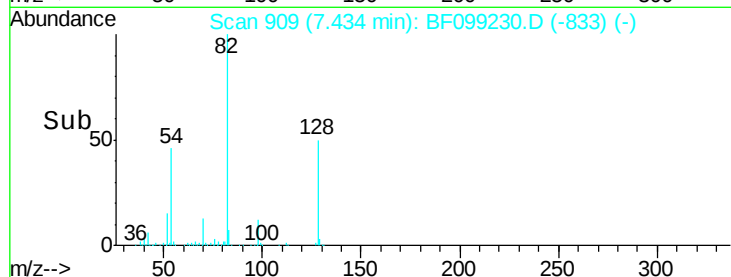
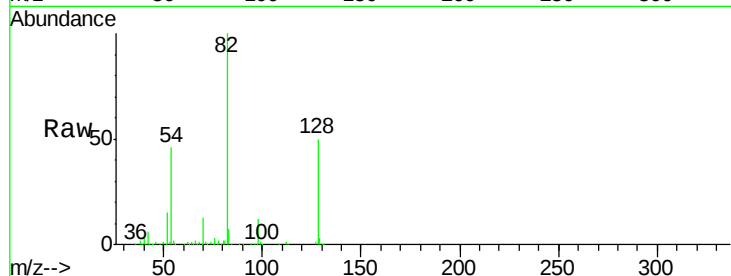


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.78 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 101284

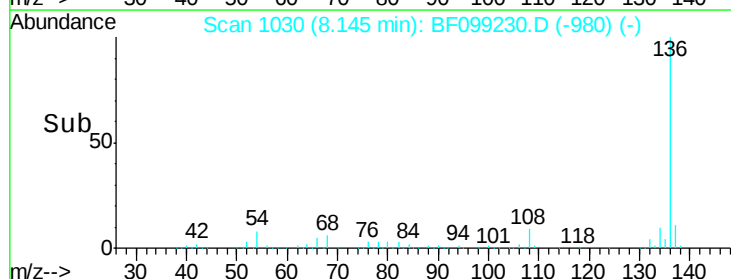
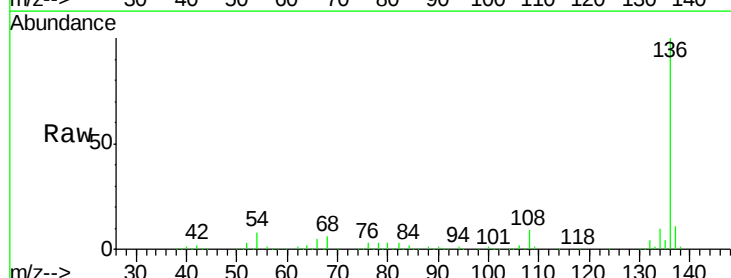
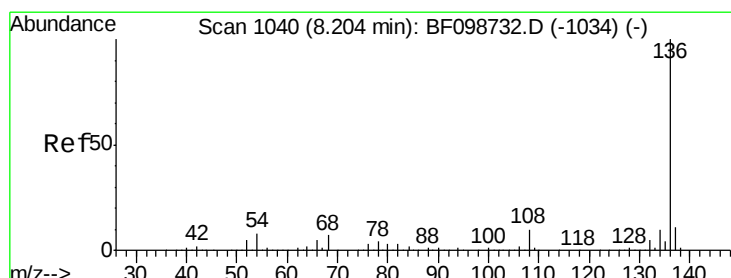
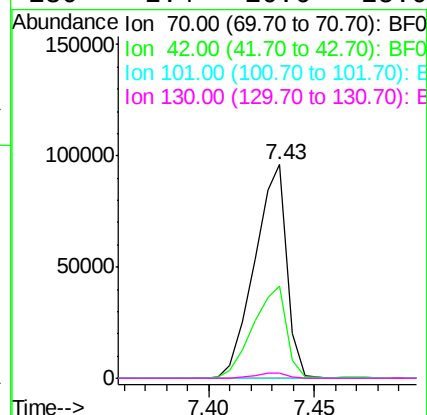
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Tgt Ion: 136 Resp: 534532

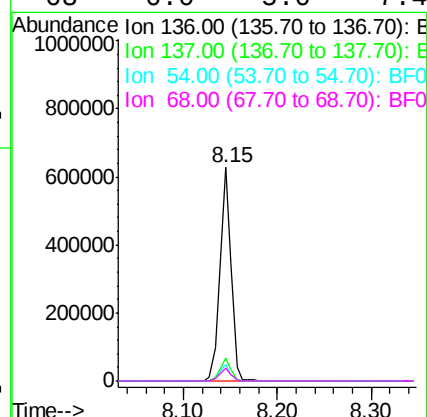
Ion Ratio Lower Upper

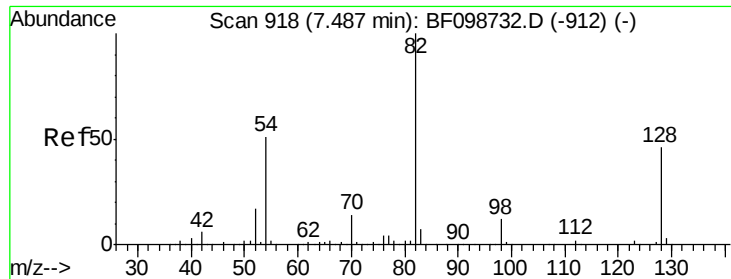
136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

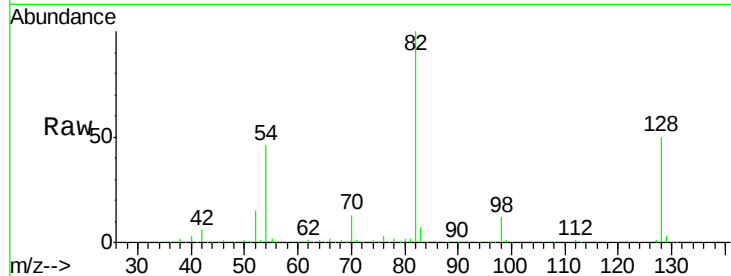




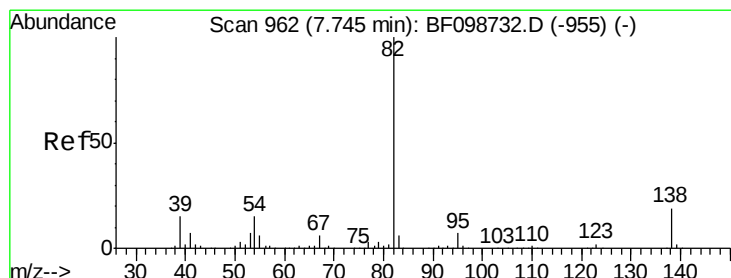
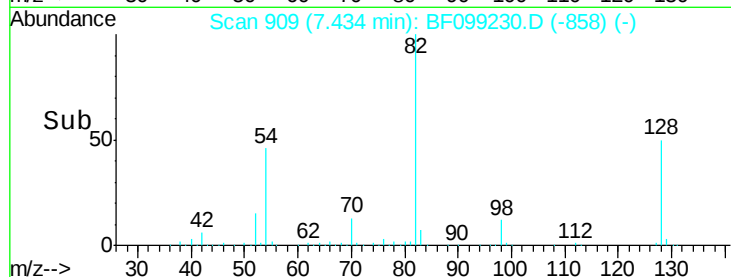
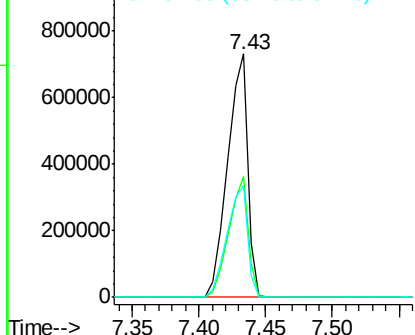
#23
 Nitrobenzene-d5
 Concen: 94.17 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	784892
Ion Ratio	100	Lower	Upper
128	49.6	36.1	54.1
54	46.0	41.4	62.2

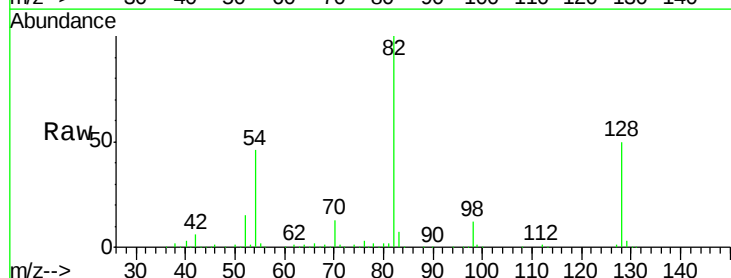


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

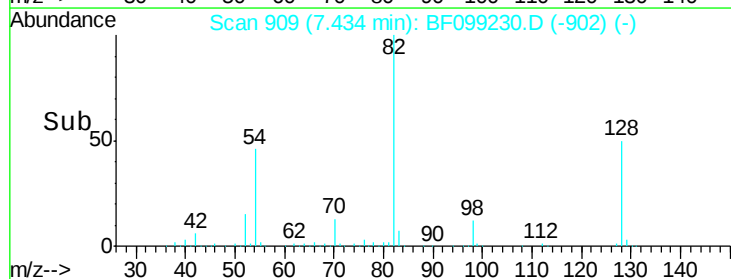
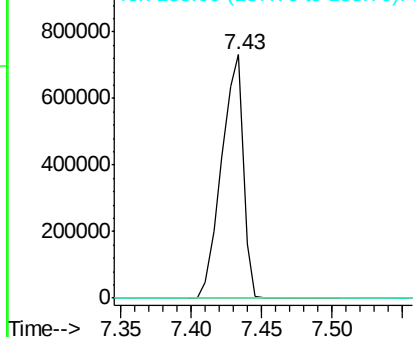


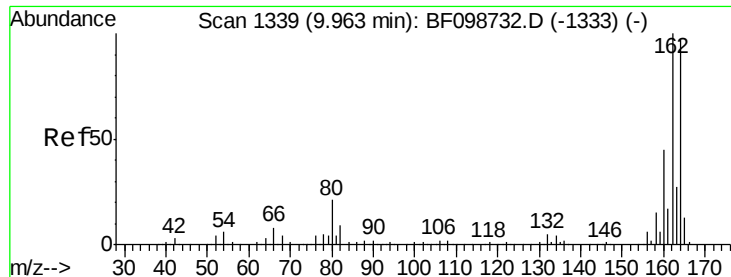
#25
 Isophorone
 Concen: 45.55 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion	82	Resp	784886
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

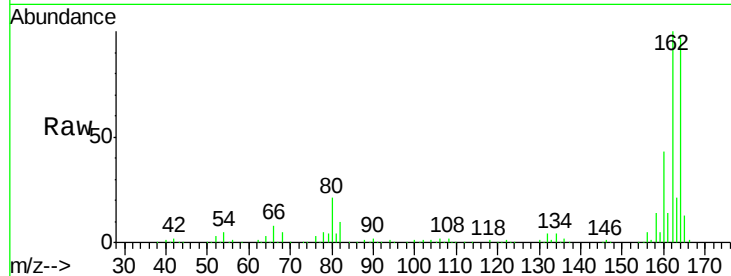




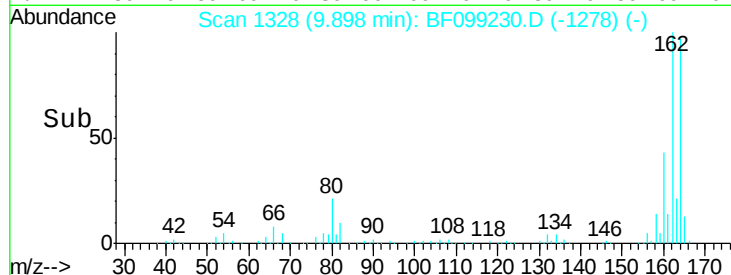
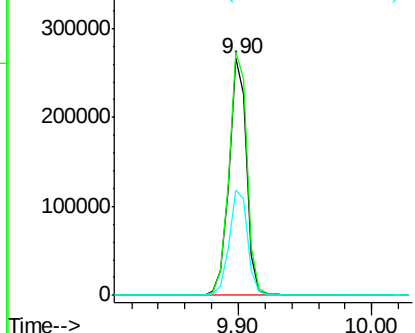
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 247599
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.6 38.3 57.5

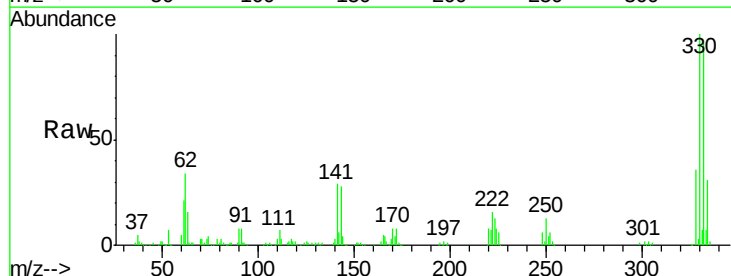


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

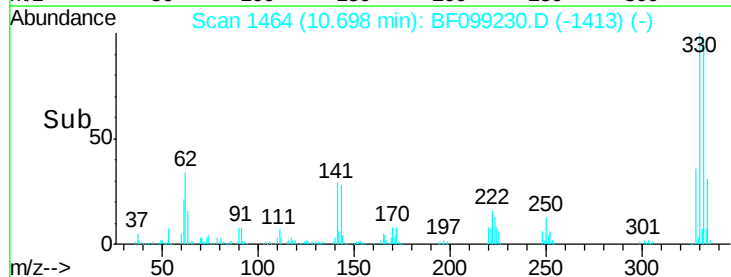
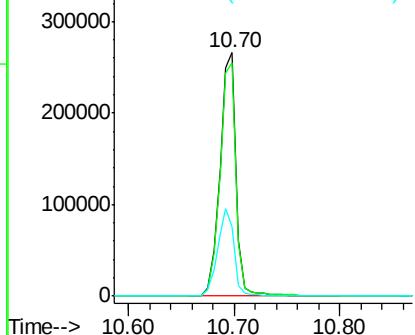


#41
2,4,6-Tribromophenol
Concen: 140.56 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Tgt Ion:330 Resp: 284786
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 37.2 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

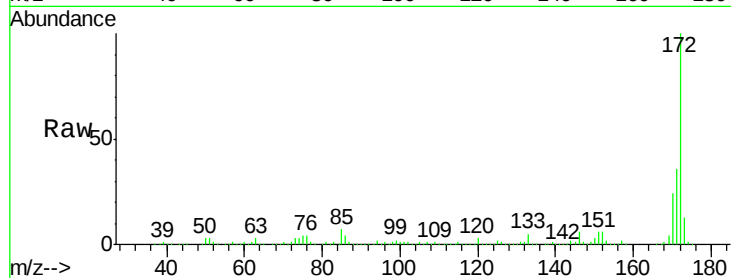




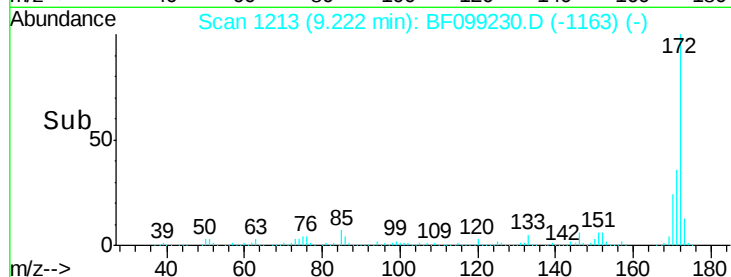
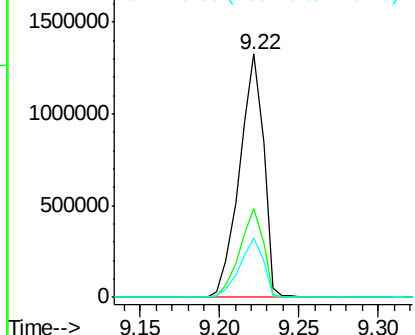
#44
2-Fluorobiphenyl
Concen: 94.50 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1401549
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

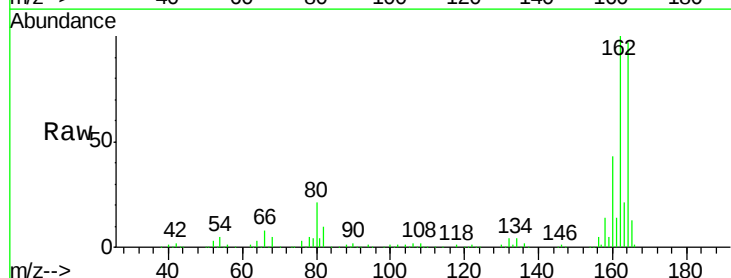


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

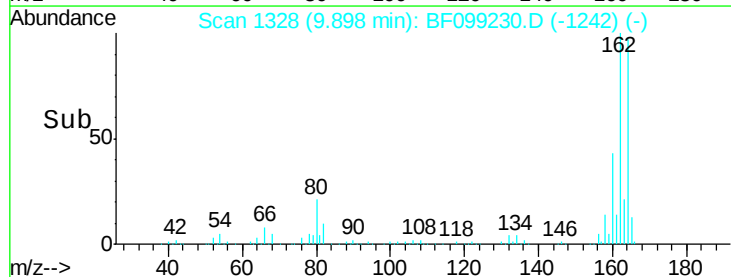
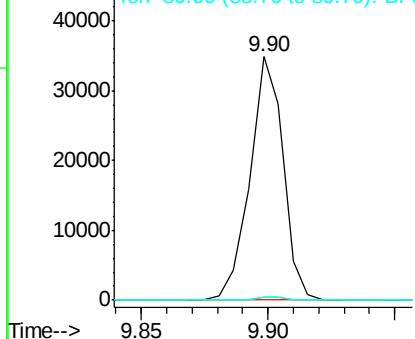


#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Tgt Ion:165 Resp: 31788
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

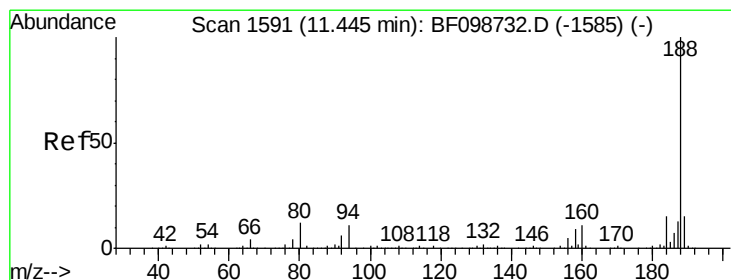
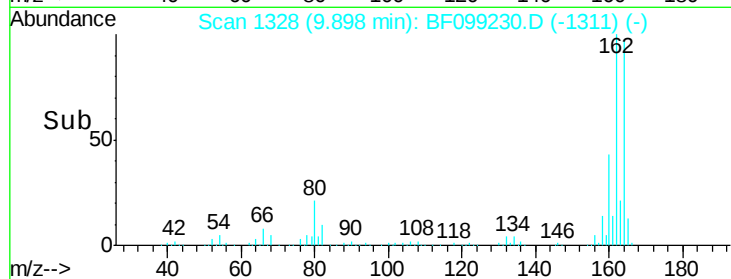
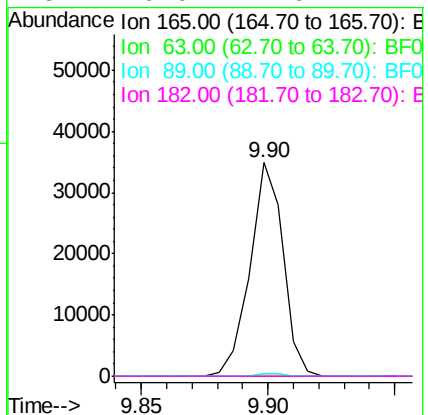
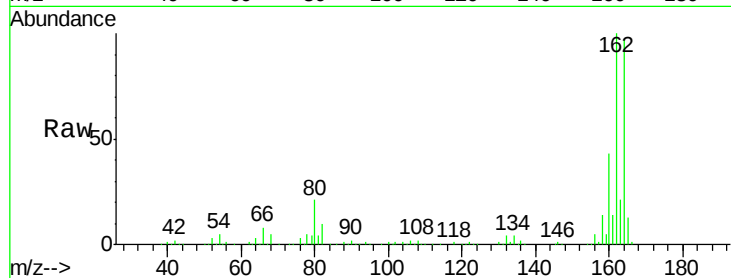




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

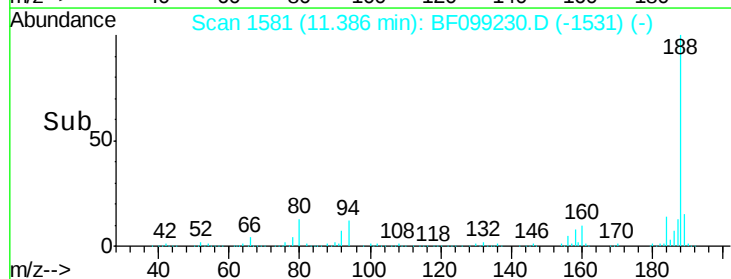
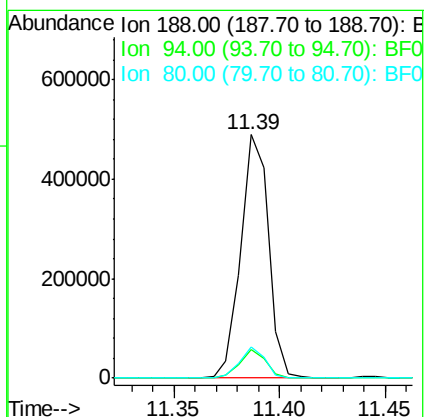
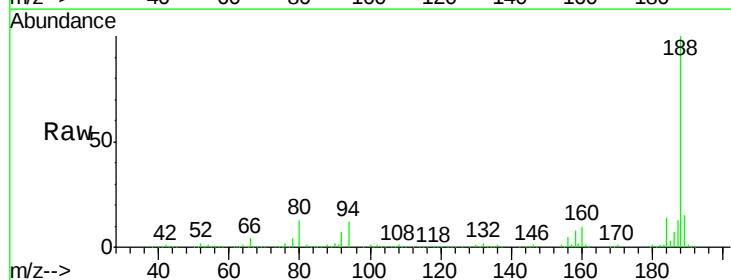
Instrument :
 BNA_F
 ClientSampleId :

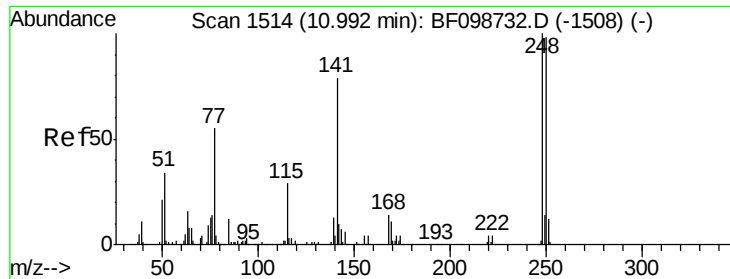
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.6	9.2	13.8

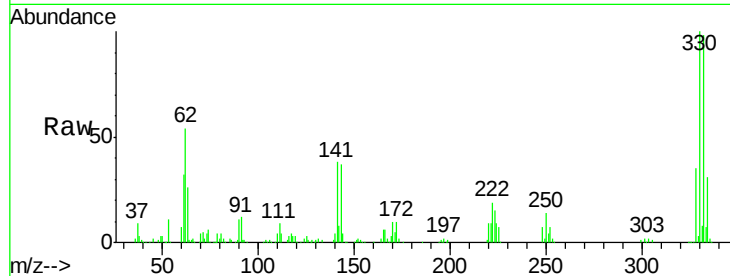




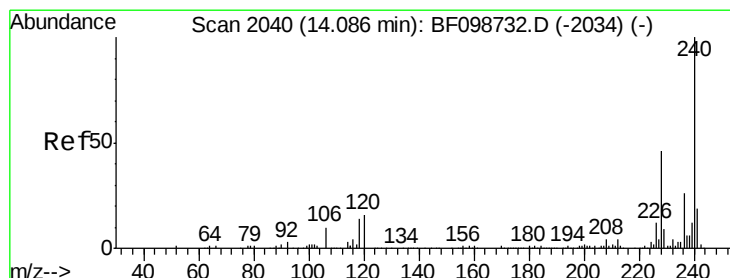
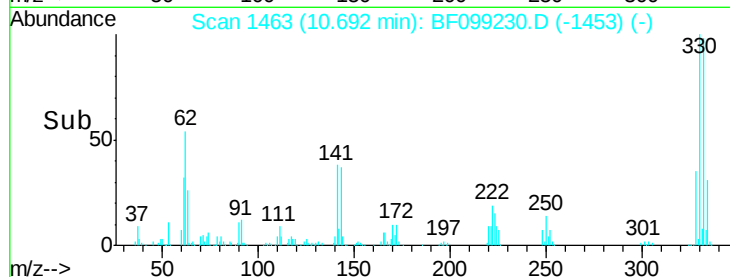
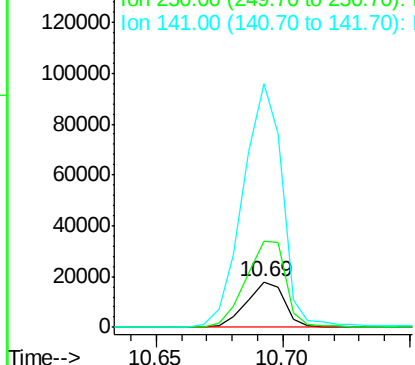
#66
 4-Bromophenyl-phenylether
 Concen: 4.29 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18792
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.9 115.3#
 141 538.4 74.4 111.6#

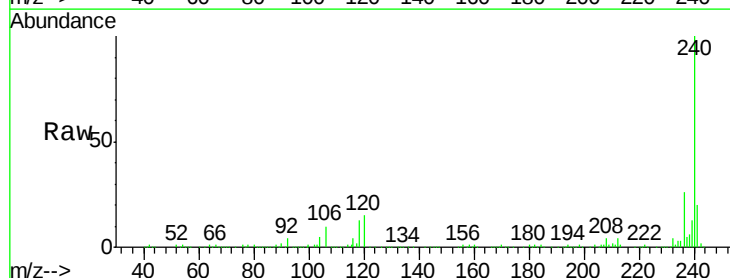


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

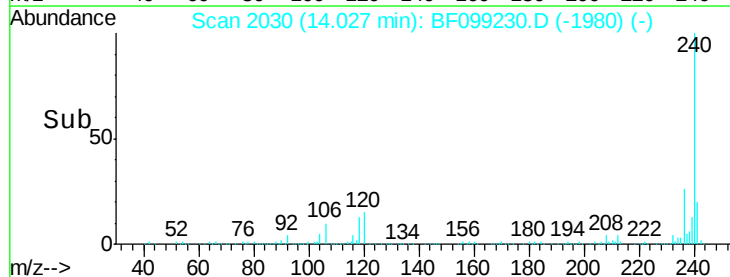
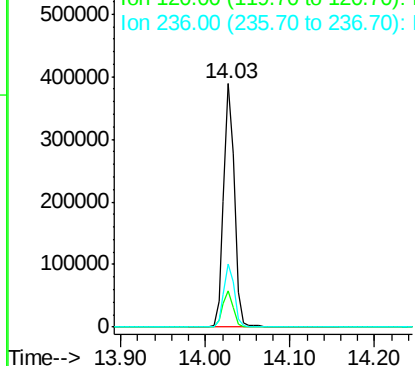


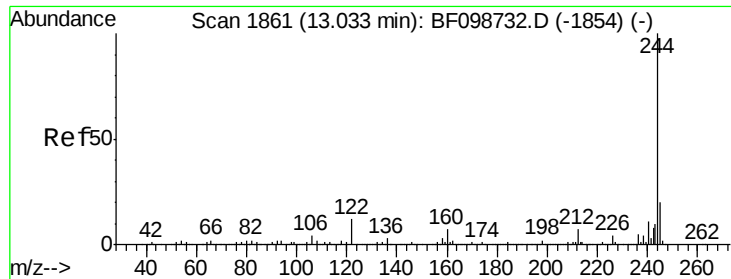
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion:240 Resp: 349606
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.18 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

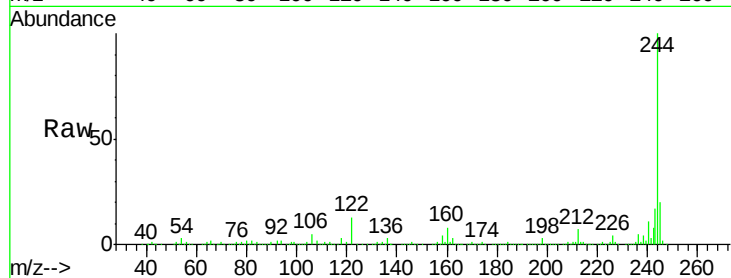
Tot Ion:244 Resp: 1278649

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

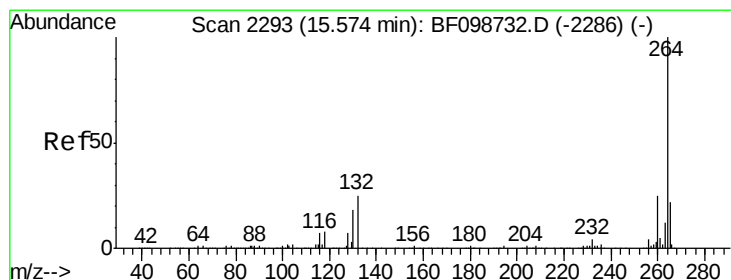
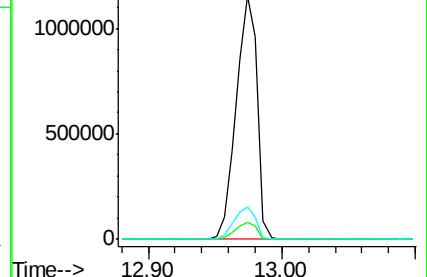
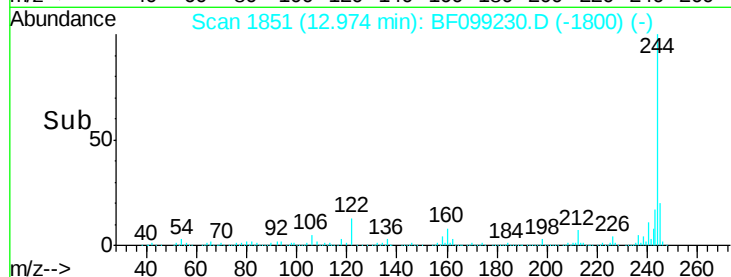
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

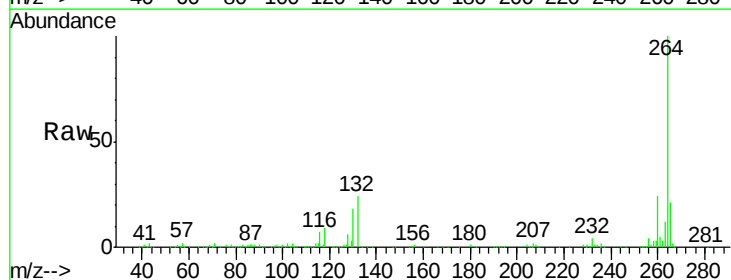
Tgt Ion:264 Resp: 254179

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

